

BC Calculus

Unit 1

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2.2	Limits at ∞	p. 76 QR 5, 7 ex 1, 2, 9, 13, 14, 25, 27, 35-38, 41-43, 45, 52, 54, 55, 61-64
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Test		

1.1

Find coordinate increments.

Find the slope.

Write the equation of a line.

2.4

Find the average rate of change of the function over an interval.

Find the slope of a curve at a given point.

Find the equation or slope of the tangent line.

Determine if the curve has a tangent at a given point.

Solve application problems.

2.1

Find the average speed.

Find the limit if it exists.

Find the limit graphically.

Find the limit using the Sandwich Theorem.

2.2

Find vertical and horizontal asymptotes of a function.

Find the limit.

Find an end behavior model for the left and right ends of a function.

2.3

Find the points of discontinuity of a function, and classify each type of discontinuity.

Determine where a given function is continuous.

Give a formula for the extended function that is continuous at a given point.